Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。	As a below named inventor, I hereby declare that:
私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。	My residence, post office address and citizenship are as stated next to my name.
下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者(下記の氏名が一つの場合)もしくは最初かつ共同発明者であると(下記の名称が複数の場合)信じています。	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled
	Magnetic Recording Medium and Manufacturing Method
	thereof
上記発明の明細書(下記の欄で×印がついていない場合は、本書に添付)は、	The specification of which is attached hereto unless the following box is checked:
	was filed on as United States Application Number or PCT International Application Number and was amended on (if applicable).
私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.
私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Burden Hour Statement' This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO. Commissioner of Patents and Trademarks, Washington, DC 20231.

Priority Not Claimed

I hereby claim foreign priority under Title 35, United States Code,

Section 119 (a)-(d) or 365(b) of any foreign application(s) for

patent or inventor's certificate, or 365(a) of any PCT international

application which designated at least one country other than the United States, listed below and have also identified below, by

checking the box, any foreign application for patent or inventor's

certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Z

Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編119条 (a) - (d) 項又は365条 (b) 項に基き下記の、米国以外の国の少なくとも一カ国を指定 している特許協力条約365 (a) 項に基ずく国際出願、又は外 国での特許出願もしくは発明者証の出願についての外国優先 権をここに主張するとともに、優先権を主張している、本出願 の前に出願された特許または発明者証の外国出願を以下に、枠

内をマークすることで、示している。 Prior Foreign Application(s)

外国での先行出願 優先権主張なし 2001-192190 Japan 26/June/2001 (Number) (Country) (Day/Month/Year Filed) (番号) (国名) (出願年月日) (Number) (Country) (Day/Month/Year Filed) (番号) (国名) (出願年月日) 私は、第35編米国法典119条 (e) 項に基いて下記の米国 I hereby claim the benefit under Title 35, United States Code, 特許出願規定に記載された権利をここに主張いたします。 Section 119(e) of any United States provisional application(s) listed below. (Application No.) (Filing Date) (Application No.) (Filing Date) (出願番号) (出願日) (出願番号) (出願日)

私は、下記の米国法典第35編120条に基いて下記の米国 特許出願に記載された権利、又は米国を指定している特許協力 条約365条 (c) に基ずく権利をここに主張します。また、本 出願の各請求範囲の内容が米国法典第35編112条第1項 又は特許協力条約で規定された方法で先行する米国特許出願 に開示されていない限り、その先行米国出願書提出日以降で本 出願書の日本国内または特許協力条約国際提出日までの期間 中に入手された、連邦規則法典第37編1条56項で定義され た特許資格の有無に関する重要な情報について開示義務があ ることを認識しています。

(Application No.) (Filing Date) (出願番号) (出願日) (Application No.) (Filing Date) (出願番号) (出願日)

私は、私自身の知識に基ずいて本宣言書中で私が行なう表明 が真実であり、かつ私の入手した情報と私の信じるところに基 ずく表明が全て真実であると信じていること、さらに故意にな された虚偽の表明及びそれと同等の行為は米国法典第18編 第1001条に基ずき、罰金または拘禁、もしくはその両方に より処罰されること、そしてそのような故意による虚偽の声明 を行なえば、出願した、又は既に許可された特許の有効性が失 われることを認識し、よってここに上記のごとく宣誓を致しま

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of application.

> (Status: Patented, Pending, Abandoned) (現況:特許許可済、係属中、放棄済)

> (Status: Patented, Pending, Abandoned) (現況:特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

PTO/SB/106(8-96) (Modulated spacing)
Approved for use through 9/30/98. OMB 0651-0032
Patent and Trademark Office, U.S. DEPARTMETNT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Japanese Language Declaration

(日本語宣言書)

委任状: 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。 (弁護士、または代理人の氏名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby

appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

John R. Mattingly, Reg. No.30,293; Daniel J. Stanger, Reg. No.32,846; Shrinath Malur, Reg.No.34,663; Gene W. Stockman, Reg. No.21,021; Jeffrey M. Ketchum, Reg. No.31,174; and Scott W. Brickner, Reg. No.34,553.

書類送付先 Send Correspondence to: Mattingly, Stanger & Malur, P.C

1800 Diagonal Road, Suite 370 Alexandria, Virginia 22314

直接電話連絡先: (氏名及び電話番号) Direct Telephone Calls to: (name and telephone number)

Telephone: (703) 684-1120 Fax: (703) 684-1157

唯一または第一発明者 Full name of sole or first inventor Yoshibumi MATSUDA 発明者の署名 日付 Inventor's signature yoshibumi 住所 Residence Hiratsuka, Japan 国籍 Citizenship Japan 私書箱 Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan

(第二以降の共同発明者についても同様に記載し、署名をする こと) (Supply similar information and signature for second and subsequent joint inventors.)

Patent and Trademark Office; U.S. DEPARTMETNT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

私書箱 第三共同発明者 第三共同発明者の署名 日付	Koji SAKAMOTO Second inventor's signature Date Koji Sakumote Tan . 15 . 2002 Residence Odawara, Japan Citizenship Japan Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature Date
国籍 私書箱 第三共同発明者 第三共同発明者 第三共同発明者の署名 日付	Residence Odawara, Japan Citizenship Japan Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature
国籍 私書箱 第三共同発明者 第三共同発明者	Odawara, Japan Citizenship Japan Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature
第三共同発明者 第三共同発明者の署名 日付	Citizenship Japan Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature
私書箱 第三共同発明者 第三共同発明者の署名 日付	Japan Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature
第三共同発明者 第三共同発明者の署名 日付	Post Office Address c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature Date
第三共同発明者 第三共同発明者の署名 日付	c/o Hitachi, Ltd., Intellectual Property Group New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature Date
第三共同発明者 第三共同発明者の署名 日付 住所	New Marunouchi Bldg. 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature Date
第三共同発明者の署名 日付	Chiyoda-ku, Tokyo 100-8220, Japan Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature Date
第三共同発明者の署名 日付	Full name of third joint inventor, if any Tetsuya KANBE Third inventor's signature Date
第三共同発明者の署名 日付	Tetsuya KANBE Third inventor's signature Date
	Third inventor's signature Date
	Third inventor's signature Date
	"["T" LL V
住所	Jetsuya Janbe Jan. 15, 2002
	Residence
	Odawara, Japan
国籍	Citizenship
	Japan
私書箱	Post Office Address
1A 은 1B	c/o Hitachi, Ltd., Intellectual Property Group
第四共同発明者	New Marunouchi Bldg. 5-1, Marunouchi 1-chome,
	Chiyoda-ku, Tokyo 100-8220, Japan
	Full name of fourth joint inventor, if any
	Yotsuo YAHISA
第四共同発明者の署名 日付	Fourth inventor's signature Date <u>Yorksus (fah.'sa Jan. 15</u> 200.
住所 国籍	Residence
	Odawara, Japan
	Citizenship
	Japan
私書箱	Post Office Address
	c/o Hitachi, Ltd., Intellectual Property Group
	New Marunouchi Bldg. 5-1, Marunouchi 1-chome,
	Chiyoda-ku, Tokyo 100-8220, Japan
第五共同発明者	Full name of fifth joint inventor, if any
第五共同元列 名	i di name of mar joint inventor, it dry
第五共同発明者の署名 日付	Fifth inventor's signature Date
住所	Residence
	Citizenship
私書箱	Post Office Address

(第六以降の共同発明者についても同様に記載し、署名をす ること)

(Supply similar information and signature for sixth and subsequent joint inventors.)

LIST OF INVENTORS' NAMES AND ADDRESSES

Yoshibumi MATSUDA, Hiratsuka, JAPAN;
Koji SAKAMOTO, Odawara, JAPAN;
Tetsuya KANBE, Odawara, JAPAN;
Yotsuo YAHISA, Odawara, JAPAN.